

## Appendix E: Northwest E6028Y

### Field Notes and Pictures

Utility: ComEd      Investigators: J. Stutsman & J. Spencer

Feeder	Voltage	Location	Date	Description
E6028Y	12kV	Barrington Hills	8/8/01	Tree contact and through trees with bare wire, along Deepwood Rd in area of fuse 173448
E6028Y	12kV	Barrington Hills	8/8/01	Tree Contact, bare primary in trees with broken branch (1-2 " in diameter, 15' long) laying on primary at 110 Deepwood Rd. -- see Picture E1
E6028Y	12kV	Barrington Hills	8/8/01	Tree contact, bare primary -- trees at tap -- burning in trees at Helm Rd. and Sioux Ave. -- see Picture E2
E6028Y	12kV	Barrington Hills	8/8/01	Tree Contact, 1726 Pappose Rd. across street field side bare primary in tree with burning (Ash tree?) -- see Picture E3
E6028Y	12kV	Barrington Hills	8/8/01	Tree Contact, lots of contact along Deepwood Rd between transformers 2A9 and 2A4
E6028Y	12kV	Barrington Hills	8/8/01	Neutral was very low with approx. 20' between Primary & Neutral along Algonquin Rd near transformers 4A1 and 4B3
E6028Y	12kV	Barrington Hills	8/8/01	Tree Contact, along Navajo Dr just west of Tomahawk Ct
E6028Y	12kV	Barrington Hills	8/8/01	Tree Contact, along Navajo Dr near Transformer 1D3
E6028Y	12kV	Barrington Hills	8/8/01	Tree Clearance, insulated wire (tree wire) but several phases show insulation separation, along Navajo Dr just north of Papoose Rd in right-of-way along side of school parking lot
E6028Y	12kV	Barrington Hills	8/8/01	Tree problems, bare wire spliced in with insulated wire (tree wire), along Navajo Dr between transformers 1D4 & 1D5
E6028Y	12kV	Barrington Hills	8/8/01	Guy guard missing between transformers 2A7 & 2B2 along HWY 25
E6028Y	12kV	Barrington Hills	8/8/01	Tree clearance, insulated wire (tree wire), lots of overhanging trees along Algonquin Rd northwest of tap fuse "T" for tap to feed transformer 1A2
E6028Y	12kV	Barrington Hills	8/8/01	Tree clearance, insulated wire (tree wire), lots of overhanging trees along Algonquin Rd around area of fuse 3332
E6028Y	12kV	Barrington Hills	8/8/01	Tree clearance, bare primary, lots of overhanging trees along Helm Rd east of disconnect 124386
E6028Y	12kV	Barrington Hills	8/8/01	Tree contact, bare primary goes into trees, in right-of-way north of Helm Rd between Navajo Dr and Delaware St
E6028Y	12kV	Barrington Hills	8/8/01	Tree contact, along Helm Rd just west of intersection of Helm Rd and Papoose Rd
E6028Y	12kV	Barrington Hills	8/8/01	Tree contact, bare primary, along Helm Rd just west of transformer 1H7
E6028Y	12kV	Barrington Hills	8/8/01	Tree contact, bare primary, Maple tree, along Helm Rd just west of transformer 1H4
E6028Y	12kV	Barrington Hills	8/8/01	Tree contact, along Helm Rd just west of intersection of Helm Rd and Navajo Dr

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E6028Y	12kV	Barrington Hills	8/8/01	Tree clearance, in right-of-way between Seminole Ln and Chippewa Cir between transformers 1E9 and 1F1
E6028Y	12kV	Barrington Hills	8/8/01	Tree contact, in right-of-way between Seminole Ln and Chippewa Cir near transformer 1E9
E6028Y	12kV	Barrington Hills	8/8/01	Tree contact, branches in between neutral & primary just north of Sioux Av where tap crosses Sioux Av
E6028Y	12kV	Barrington Hills	8/8/01	Tree contact, all along right-of-way just south of Indian Ln

Notes:       \*       Indicates field picture not included in this report  
This summary for the circuit inspected represents typical observations noted by Staff engineers during the field inspection and DOES NOT represent all of the problems or potential problems that may exist on the circuit. In many cases there were portions of the circuit that were not inspected at all. No effort was made to perform a thorough, detailed inspection as may need to be done by the utility.

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### Picture E1

Bare primary with broken branch (1-2" dia. & 15' long) laying on it at 110 Deepwood Rd. in Barrington Hills



### Picture E2

Bare primary in trees at tap with burning of trees near corner of Helm Rd. and Sioux Ave. in Barrington Hills



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### Picture E3

Field side of bare primary in tree with burning visible across street from 1726 Pappose Rd. in Barrington Hills

